

**Delaware Electric Cooperative**  
**Generator Interconnection Application – Short Form**  
(For Use with Generators less than 100 kW DC)

An applicant (Generator Owner) makes application to Delaware Electric Cooperative to install and operate a generating facility less than 100 kW DC and interconnected with the Delaware Electric Cooperative utility system.

**Section 1, Applicant Information Directly Interconnected to the Generating System**

Is the following system: ☐ Leased or ☒ Member Owned

Type of Application: ☒ Initial or ☐ Addition/Upgrade

Name: Henry Von Saspe

Mailing Address: 175 Tullamore Rd

City: Magnolia State: DE ZipCode: 19962

Email Address: henryvsl@comcast.net

Facility Location (if different from above): \_\_\_\_\_

Telephone: Area Code 302 Number 335-9932 (Evening) Area Code \_\_\_\_\_ Number \_\_\_\_\_

Delaware Electric Cooperative Account No.: 9892801 Rate Code: 1B2

**Section 2, Equipment Contractor**

Name: Star Enrg

Mailing Address: 5700 Kirkwood Hwy 106

City: Wilmington State: DE ZipCode: 19808

Email Address: solar@starenrg.com Telephone (Daytime): Area Code 302 Number 397-8917

**Section 3, General Service Requirements**

If different from the existing service, what size service will the generation facility require?

☒ 200A ☐ 400A ☐ 600A ☐ 800A

If this is a new account for a Solar System, what Voltage/Phase will be required?

☒ 120/240V-1Ph ☐ 120/208V-1Ph ☐ 120/208V-3Ph ☐ 277/480V-3Ph

**Section 4, Application Fee**

This application fee is applicable for all new PV applications received on or after May 20, 2016. The cost will be \$50.00 per application (new and/or upgrade) for systems 25 kW DC or less. For systems over 25 kW DC the fee will be \$50.00 plus \$1.00 kW DC over 25 kW DC. All interconnection applications submitted to DEC shall be accompanied with the appropriate fee made out to Delaware Electric Cooperative and are non-refundable. No applications will be considered without the fee.

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**Section 5, Generator Type**

Is Generator powered from a Renewable Energy Source: ☒ Yes      No ☐

Type of Energy Source (if applicable): ☒ Solar      ☐ Wind      ☐ Other \_\_\_\_\_

Other generator energy source: ☐ Diesel      ☐ Natural Gas      ☐ Fuel Oil      Other: \_\_\_\_\_

Will excess power be exported to Delaware Electric Cooperative? ☒ Yes      No ☐

(Typical) Maximum Export: 7.2 kW DC/AC

2 Yr. Avg. Annual Usage (kWh): 24,228 Forecast Annual kWh: 11,049

(Note: The Annual Forecast MUST be completed using **4.5 peak sun light hours per days**)

**Section 5, Generator Technical Information**

Please fill out the Initial Rating information if there is currently no generating facility on-site. If adding a generating facility to an existing facility, fill out the Initial Rating Information, the Added Rating Information and the Total Rating Information

Generator (or solar collector) Manufacturer, Model Name & Number: Mission Solar MSE290SB1A  
(A copy of Generator Nameplate and Manufacturer's Specification Sheet may be substituted)

Inverter Manufacturer, Model Name & Number (if used): Fronius Primo 8.2  
(A copy of Inverter Nameplate and Manufacturer's Specification Sheet may be substituted)

**Initial Rating:**

DC System Design Capacity: 8.12 (kW) \_\_\_\_\_ (kVA)

Inverter Capacity: 8.2 (Maximum AC kW)

AC System Design Capacity: 8.2 (kW) \_\_\_\_\_ (kVA)

**Added Rating:**

DC System Design Capacity: \_\_\_\_\_ (kW) \_\_\_\_\_ (kVA)

Inverter Capacity: \_\_\_\_\_ (Maximum AC kW)

AC System Design Capacity: \_\_\_\_\_ (kW) \_\_\_\_\_ (kVA)

**Total Rating (Existing and New):**

DC System Design Capacity: 8.12 (kW) \_\_\_\_\_ (kVA)

Inverter Capacity: 8.0 (Maximum AC kW)

AC System Design Capacity: 8.0 (kW) \_\_\_\_\_ (kVA)

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**Generator Disconnect Switch:**

A lockable disconnect device shall be installed within 3 feet of the DEC meter and accessible at all times by DEC personnel, by and at the cost of the owner.

**Section 6, Generator/Equipment Certification**

Generating systems that utilize inverter technology must be compliant with *IEEE 929* and *Underwriters Lab. UL 1741*. Generating systems that use a rotating machine must be compliant with Delaware Electric Co-op's *Technical Requirements For Parallel Operation of Member Owned Generation* document. **By signing below, the Applicant certifies that the installed generating equipment meets the appropriate preceding requirement(s) and can supply documentation that confirms compliance.**

Name (print): Henry Von Saspe Date: 5/15/2018  
Signed (Applicant): H Von Saspe

**Section 7, Aggregated Meter Information (If Applicable)**

**The following aggregated accounts shall be ranked according to the order in which credits shall be applied** (We don't apply the credit; however, DEC may elect to make payment to the account serving the Generating System) Additionally, the following accounts must be active accounts and will be used to determine the total 2-year Annual Average kWh to ensure the new system is in compliance with DEC tariff.

1 - DEC Member Name \_\_\_\_\_ Rate Code: \_\_\_\_\_

DEC Account No.: \_\_\_\_\_ Capacity (DEC): \_\_\_\_\_ 2 Yr Annual Average kWh: \_\_\_\_\_

2 - DEC Member Name \_\_\_\_\_ Rate Code: \_\_\_\_\_

DEC Account No.: \_\_\_\_\_ Capacity (DEC): \_\_\_\_\_ 2 Yr Annual Average kWh: \_\_\_\_\_

3 - DEC Member Name \_\_\_\_\_ Rate Code: \_\_\_\_\_

DEC Account No.: \_\_\_\_\_ Capacity (DEC): \_\_\_\_\_ 2 Yr Annual Average kWh: \_\_\_\_\_

4 - DEC Member Name \_\_\_\_\_ Rate Code: \_\_\_\_\_

DEC Account No.: \_\_\_\_\_ Capacity (DEC): \_\_\_\_\_ 2 Yr Annual Average kWh: \_\_\_\_\_

Any additional meters associated with this aggregated system must be supplied on a separate sheet in the same format.

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**Prior to installation send the completed Pages 1-3 to Delaware Electric Cooperative, Attn: Troy Dickerson, Manager of Engineering; Phone: (302) 349-3125 Email: tdickerson@decoop.com or mail to P.O. Box 600 Greenwood, DE 19950**

**Section 8, PRELIMINARY Approval to Proceed with Interconnection**

Delaware Electric Cooperative: ☐ Has Approved ☐ Has Not Approved this Preliminary Application.

Name : \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Reason of Not Approving: \_\_\_\_\_  
\_\_\_\_\_